

PNP-32-MOD-TCP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Plug&Play Boxes**

With the ready-to-connect Plug&Play boxes, existing machines can be easily integrated into the IoT network, without costly intervention in the control cabinet structures.

The boxes thus serve as data collectors and are at the same time the basis for the evaluation and transparent display of your energy consumption.

All you need is a network connection near the Plug&Play boxes.

General ordering data

| | |
|------------|----------------------------|
| Version | |
| Order No. | 2716660000 |
| Type | PNP-32-MOD-TCP |
| GTIN (EAN) | 4064675002543 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Depth | 225 mm | Depth (inches) | 8.858 inch |
| Height | 340 mm | Height (inches) | 13.386 inch |
| Width | 530 mm | Width (inches) | 20.866 inch |
| Net weight | 999 g | | |

Temperatures

| | | | |
|---------------------|----------------|---------------------------------|--|
| Storage temperature | -10 °C...60 °C | Humidity at storage temperature | 35...85 % rel. humidity, no condensation |
| Ambient temperature | 0 °C...40 °C | Humidity | 35...85 % RH (at ambient temperature) |

Measuring current input

| | |
|---------------|------|
| Rated current | 32 A |
|---------------|------|

Communication

| | | | |
|-----------|---|----------|---|
| Interface | Ethernet 10/100 Base-TX (RJ-45 socket), Web server/e-mail | Protocol | TCP/IP, DHCP Client (BootP), Modbus/TCP (Port 502), ICMP (Ping), NTP, Modbus RTU over Ethernet (Port 8000), FTP, SNMP |
|-----------|---|----------|---|

Inputs/outputs

| | | | |
|-------------------------------------|-------------------------------------|-----------------------------|-----|
| Compressed-air connection available | Yes | Digital output configurable | Yes |
| Type of compressed-air connection | Quick coupling for hoses with 10 mm | Temperature input | Yes |

Technical data

| | | | |
|----------------------------|---|------------------------------------|---------------------------------|
| Air pressure (operation) | ≥ 795 hPa (height ≤ 2000 m) as per DIN EN 61131-2 | Airflow rate, max. | 2,000 l/min |
| Airflow rate, min. | 20 l/min | Applications | Power and flow measurement |
| Nominal input air pressure | 8 bar | Pollution severity | 4 |
| Protection degree | IP54 | Rated current | 32 A |
| Type of mounting | Wall mounting; Connection side lying | Usage | Plug & Play |
| Standards | IEC 61439-2 | Measurement range, voltage L-L, AC | 480 V |
| Surge voltage category | II | Voltage supply | via the input measuring circuit |

Insulation coordination

| | | | |
|--------------------|---|------------------------|----|
| Pollution severity | 4 | Surge voltage category | II |
|--------------------|---|------------------------|----|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002301 | ETIM 7.0 | EC002301 |
| ETIM 8.0 | EC002301 | ETIM 9.0 | EC002301 |
| ECLASS 9.0 | 27-14-23-30 | ECLASS 9.1 | 27-21-03-01 |
| ECLASS 10.0 | 27-14-23-30 | ECLASS 11.0 | 27-14-23-30 |
| ECLASS 12.0 | 27-14-23-30 | ECLASS 13.0 | 27-14-23-30 |

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| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 Lead monoxide (lead oxide) 1317-36-8 |
| SCIP | b8594349-3937-4fc3-b3f9-0b9575c3ba7d |

Important note

Product information

Flow measurement

The PNP-16-MOD-TCP and PNP-32-MOD-TCP products are provided with an integrated flow sensor. The incoming air is guided through the measuring device to the machine or plant.

Temperature measurement

The ambient temperature is recorded with an external temperature sensor. The signal line of the sensor is connected to the measuring device via an SAI connection.

Power consumption measurement

The PNP-16-MOD-TCP, PNP-32-MOD-TCP and PNP-63-MOD-TCP products are provided with integrated current transformers.

The power line is guided via the CEE connections through the measuring device to the machine or plant.

Communication

The measured values are transferred from the measuring device to the network via a data line.

The measured values can be displayed in real time on a connected PC.

Downloads

Approval/Certificate/Document of Conformity

[Declaration of Conformity](#)

User Documentation

[Operation manual for used digital flow switch PFMB7202](#)[Quick guide for used digital flow switch PFMB7202](#)[Quick installation guide PnP-Box- series](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings

